

A NEW COMBINATION IN *POLYTRICHASTRUM*  
(BRYOPHYTA: POLYTRICHACEAE)

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ABSTRACT

The new combination *Polytrichastrum alpinum* var. *sylvaticum* (Menziés) G.L. Merrill is provided.

RESUMEN

Se aporta la nueva combinación *Polytrichastrum alpinum* var. *sylvaticum* (Menziés) G.L. Merrill.

The following transfer is proposed for use in a treatment of the moss family Polytrichaceae in the *Flora of North America North of Mexico*, vol. 27, the first of the projected three bryophyte volumes. Additional discussion will be found in the flora treatment.

***Polytrichastrum alpinum* var. *sylvaticum*** (Menziés) G.L. Merrill, comb. nov.

BASIONYM: *Polytrichum sylvaticum* Menziés, Bot. Zeit. (Regensburg) 1:74. 1802. TYPE: U.S.A.: Northwest Coast of North America, Menziés (HOLOTYPE: E!).

*Pogonatum alpinum* var. *sylvaticum* (Menziés) Lindberg, Bot. Not. 1867: 130. 1867. *Polytrichum alpinum* var. *sylvaticum* (Menziés) Lindberg, Acta Soc. Sci. Fenn. 10:6. 1872, "*sylvaticum*."

*Polytrichum macounii* Kindberg in Macoun, Bull. Torrey Bot. Club. 16:96. 1889; *Pogonatum macounii* (Kindberg) Kindberg & Macoun, Cat. Canad. Pl. 6:152. 1892. *Pogonatum alpinum* var. *macounii* (Kindberg) Cardot & Thériot, Proc. Wash. Acad. Sci. 4:328. 1902. *Polytrichum alpinum* var. *macounii* (Kindberg) Saito, J. Jap. Bot. 31:75. 1956. *Pogonatum alpinum* subsp. *macounii* (Kindberg) Persson in Persson & Viereck, Lindbergia 9:16. 1983.

*Habitat and distribution in North America.*—On soil in moist woods, common in the lowlands, to middle elevations; British Columbia, southern Alaska, Oregon, Washington.

*Polytrichastrum alpinum* is a widespread, polymorphic species, common at middle to upper elevations throughout the North Temperate zone, in south temperate South America, the Antarctic, and Australasia. The var. *sylvaticum* is a giant form of the Pacific Northwest with stems as much as 14 cm high, simple to laxly branched, sharply serrate leaves to 19 mm long, and large, plump, cylindrical capsules, often somewhat zygomorphic and widest below the middle.

REFERENCES

- FRYE, T.C. 1937. Polytrichaceae. In: Grout, A.J. Moss flora of North America north of Mexico. Pp. 99–128.  
LAWTON, E. 1971. Moss flora of the Pacific Northwest. Hattori Botanical Laboratory, Nichinan, Japan.